Transcutaneous Blood-Velocity Detector with Output for Recording of Arterial and Venous Blood-Velocity Waveforms

This Class II non-invasive instrument is recommended for use where an auxiliary recorder is available for recording velocity waveforms. Though it permits recording of arterial and venous waveforms, it does not indicate the direction of flow. It is primarily used by podiatrists, urologists and others who want a sensitive instrument but are not concerned with flow direction.

Model 812 is normally furnished with a nominal 8 MHz pencil probe, either the standard (3/8" diameter) or the skinny pencil (1/4" diameter) for an additional charge. It will work with any style probe we make in the frequency range for which the instrument is built. It cannot be used with 4 or 5 MHz probes and is not suited for use for animal flow studies because of its limited bandwidth.

This instrument is as sensitive as any non-directional instrument we make, regardless of price. It is available in an attractive aluminum case with removable lid and room for accessories at extra cost. It is normally furnished in a black aluminum box as shown above. It comes complete with probe, gel, operating manual and battery charger.
These are examples of recordings made with an electrocardiograph. Note the rapid upstroke time and the dicrotic notch of the index finger and the posterior tibial, characteristic of normal arteries. Also note the very small dicrotic notch in the internal carotid recording which is caused by the very low outflow resistance of the cerebral system.

This instrument requires a recorder with an input resistance of 100K or higher and a deflection factor of 100 mV/cm or less. For recording pulses only (no baseline reference) it can be used with any electrocardiograph by using a modified connecting cable. If you have questions, please call our factory.

Warranty
We warranty the Model 812 against defects in materials and workmanship for one year. The warranty period on accessories and probes is six months. All warranty service is performed at the factory and all items must be returned to the factory prepaid. Specifically excluded from this warranty are any items which show evidence of physical abuse.

Thirty-Day Trial
We invite you to compare this Doppler with any other Doppler, regardless of price. A demonstration model is available to doctors and hospitals for a thirty-day trial. Trials are limited to the U.S.A. due to customs expense.

Ordering Information
For further information call us Toll-Free at 1-800-547-6427. Our office hours are 7:00 AM to 3:30 PM Pacific time.